

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,539,698 B2  
APPLICATION NO. : 10/586497  
DATED : May 26, 2009  
INVENTOR(S) : Katsuyuki Sakaniwa et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page:

Item (56) References Cited, under the "OTHER PUBLICATIONS" heading, please

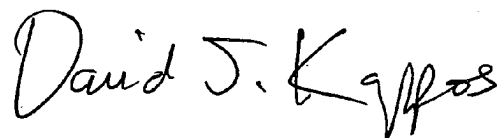
insert the following reference:

--Hisakazu Tajimi, "Programming Technique Hash," UNIX MAGAZINE, May 1, 1998,

Vol. 13, No. 5, pages 99-106--

Signed and Sealed this

Eleventh Day of May, 2010

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos  
*Director of the United States Patent and Trademark Office*